

METHOD AND APPARATUS FOR CALL SETUP WITHIN A VOICE FRAME NETWORK

ABSTRACT

5 The method involves transmitting plural endpoint probes to produce plural
endpoint probe results indicating the preparedness of the endpoints for calls routed
thereto; identifying similarly situated endpoints; and representing each of the similarly
situated endpoints by a reduced number of recorded endpoint probe results that
substantially represent the inter-connective preparedness of each of the similarly situated
10 endpoints. The apparatus includes a mapping mechanism for mapping the probe results
for the similarly situated endpoints into a reduced number of endpoint probe results that
substantially represent the inter-connective preparedness of each of the similarly situated
endpoints, and a recording mechanism for recording the reduced number of endpoint
probe results. Such mapping permits an Internet operating system (IOS) router/gateway
15 to act as an real-time responder/service assurance agent (RTR/SAA) proxy on behalf of
non-RTR/SAA capable voice over Internet protocol (VoIP) endpoints.